CLAIMS

What is claimed is:

1. A method comprising:

determining whether a digital signal processor needs a service program stored in a juke box overlay memory; and

delivering the service program to the digital signal processor from the juke box overlay memory over a host port interface bus.

2. The method of claim 1, further comprising generating a data packet from a pulse code modulated data stream using the service program.

3. The method of claim 2, further comprising receiving the pulse code modulation data stream from a public switched telephone network.

4. The method of claim 2, further comprising:

transmitting the data packet over an internet protocol network.

5. The method of claim 1, wherein the service program provides a service selected from the group comprising voice communication, fax communication, modem communication, video communication, and audio communication.

6. The method of claim 1, further comprising:

receiving a packet from an internet protocol network;

generating a pulse code modulation data stream from the packet using the service program; and

transmitting the pulse code modulation data stream over a public switched telephone network.

7. An apparatus comprising:

means for determining whether a digital signal processor needs a service program stored in a juke box overlay memory; and

means for delivering the service program to the digital signal processor from the juke box overlay memory over a host port interface bus.

8. The apparatus of claim 7, further comprising means for generating a data packet from a pulse code modulated data stream using the service program.

9. The apparatus of claim 8, further comprising means for receiving the pulse code modulation data stream from a public switched telephone network.

10. The apparatus of claim 8, further comprising:

means for transmitting the data packet over an internet protocol network.

11. The apparatus of claim 7, wherein the service program provides a service selected from the group comprising voice communication, fax communication, modem communication, video communication, and audio communication.

12. The apparatus of claim 7, further comprising:

means for receiving a packet from an internet protocol network;

means for generating a pulse code modulation data stream from the packet using the service program; and

means for transmitting the pulse code modulation data stream over a public switched telephone network.

13. A computer readable medium having instructions which, when executed by a processing system, cause the system to:

determine whether a digital signal processor needs a service program stored in a juke box overlay memory; and

deliver the service program to the digital signal processor from the juke box overlay memory over a host port interface bus.

14. The medium of claim 13, wherein the executed instructions further cause the system to generate a data packet from a pulse code modulated data stream using the service program.

15. The medium of claim 14, wherein the executed instructions further cause the system to:

receive the pulse code modulation data stream from a public switched telephone network.

16. The medium of claim 14, wherein the executed instructions further cause the system to:

transmit the data packet over an internet protocol network.

17. The medium of claim 13, wherein the service program provides a service selected from the group comprising voice communication, fax communication, modem communication, video communication, and audio communication.

18. The medium of claim 13, wherein the executed instructions further cause the system to:

receive a packet from an internet protocol network;

generate a pulse code modulation data stream from the packet using the service program; and

transmit the pulse code modulation data stream over a public switched telephone network.

19. An apparatus comprising:

an interface manager to determine whether a digital signal processor needs a service program stored in a juke box overlay memory; and

a host port interface bus to deliver the service program to the digital signal processor from the juke box overlay memory.